## WHAT IS CLAIMED IS:

A compound of formula I:

$$(R^{1})_{w}$$
 $Q = (R^{1})_{w}$ 
 $X - R^{2} - Y$ 
(I)

wherein:

Q is  $-O_{\gamma}^{-}$ ,  $-S(O)_{m}^{-}$ ,  $-(CR^{5}R^{6})_{p}^{-}$ ,  $-O(CR^{5}R^{6})_{r}O_{-}$ , or  $-N(R^{k})_{-}$ ;

each R<sup>1</sup> is independently alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, or R<sup>a</sup>;

each R<sup>2</sup> is independently a covalent bond or alkylene; wherein alkylene is optionally substituted with 1 to 4 substituents independently selected from R<sup>b</sup>;

each X is independently oxy (-O-) or -N(R<sup>m</sup>)-;

each Y is independently  $NR^nR^p$  or a heterocyclyl containing at least one nitrogen atom, wherein each nitrogen of the heterocyclyl is substituted with  $R^3$  or is linked to  $R^2$ , and wherein each heterocycle of Y is optionally substituted with 1, 2, 3, or 4 substituents independently selected from  $R^4$ ;

each  $R^3$  is independently hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, oxo, or heterocyclyl; and each  $R^4$  is independently alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, or  $R^b$ ; or  $R^3$  and  $R^4$  are joined to form a  $C_{1-4}$  alkylene group, wherein the alkylene group is optionally substituted with 1 to 4 substituents independently selected from  $R^b$ ;

each R<sup>5</sup> and R<sup>6</sup> is independently hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; or R<sup>5</sup> and R<sup>6</sup> together with the carbon atom to which they are attached form a ring having from 5 to 7 ring atoms, wherein the ring optionally contains 1 or 2 heteroatoms in the ring independently selected from oxygen, sulfur or nitrogen;

wherein for  $R^1$ - $R^6$ , each alkyl, alkenyl, and alkynyl is optionally substituted with  $R^x$ , or with 1, 2, 3, or 4 substituents independently selected from  $R^b$ ; for  $R^1$ - $R^6$ , each aryl and heteroaryl is optionally substituted with 1 to 4 substituents independently selected from  $R^c$ , and for  $R^1$ - $R^6$ , each cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents independently selected from  $R^b$  and  $R^c$ ;

$$\begin{split} & \text{ each } R^a \text{ is independently -OR}^d, \text{-NO}_2, \text{halo, -S(O)}_m R^d, \text{-SR}^d, \text{-S(O)}_2 O R^d, \\ & \text{-S(O)}_m N R^d R^e, \text{-NR}^d R^e, \text{-O(CR}^f R^g)_n N R^d R^e, \text{-C(O)} R^d, \text{-CO}_2 R^d, \\ & \text{-CO}_2 (C R^f R^g)_n C O N R^d R^e, \text{-OC(O)} R^d, \text{-CN, -C(O)} N R^d R^e, \text{-NR}^d C (O) R^e, \\ & \text{-OC(O)} N R^d R^e, \text{-NR}^d C (O) O R^e, \text{-NR}^d C (O) N R^d R^e, \text{-CR}^d (= N - O R^e), \text{-CF}_3, \text{ or -OCF}_3; \\ & \text{each } R^b \text{ is independently } R^a, \text{ oxo or =N -O R}^e; \end{split}$$

each R<sup>c</sup> is independently R<sup>a</sup>, alkyl, alkenyl, or alkynyl; wherein each alkyl, alkenyl and alkynyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>b</sup>;

each R<sup>d</sup> and R<sup>e</sup> is independently hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; wherein each alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>h</sup>; or R<sup>d</sup> and R<sup>e</sup> together with the atoms to which they are attached form a heterocyclic ring having from 5 to 7 ring atoms, wherein the heterocyclic ring optionally contains 1 or 2 additional heteroatoms independently selected from oxygen, sulfur or nitrogen;

each R<sup>f</sup> and R<sup>g</sup> is independently hydrogen, alkyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; wherein each alkyl, aryl, heteroaryl, cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>h</sup>; or R<sup>f</sup> and R<sup>g</sup> together with the carbon atom to which they are attached form a ring having from 5 to 7 ring atoms, wherein the ring optionally contains 1 or 2 heteroatoms independently selected from oxygen, sulfur or nitrogen;

each  $R^h$  is independently halo,  $C_{1-6}$  alkyl,  $C_{1-6}$  alkoxy, aryl, (aryl)- $C_{1-6}$  alkyl, heteroaryl, (heteroaryl)- $C_{1-6}$  alkyl, hydroxy, amino, -NHC<sub>1-6</sub> alkyl, -N( $C_{1-6}$  alkyl, 2,

- $C(O)C_{1-6}$  alkyl, - $C(O)C_{1-6}$  alkyl, - $C(O)OC_{1-6}$  alkyl, - $C(O)NHC_{1-6}$  alkyl, carboxy, nitro, -CN, or - $CF_3$ ;

R<sup>k</sup> is hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; wherein each alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>h</sup>;

R<sup>m</sup> is hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; wherein each alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>h</sup>;

each R<sup>n</sup> and R<sup>p</sup> is independently hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; wherein each alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>h</sup>; and

each R<sup>x</sup> is independently aryl, heteroaryl, cycloalkyl or heterocyclyl; wherein each aryl or heteroaryl is optionally substituted with 1 to 4 substituents selected from the group consisting of R<sup>c</sup>, and wherein each cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents selected from R<sup>b</sup>;

m is 0, 1, or 2; n is 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10; p is 1, 2, or 3; r is 2, or 3; and

each w is independently 0, 1, 2, 3, or 4;

or a pharmaceutically-acceptable salt thereof;

provided that when any Y is  $NR^nR^p$  or a nitrogen-linked heterocyclyl, then the  $R^2$  attached to that Y is not a covalent bond or methylene.

2. The compound of claim 1 wherein each  $R^1$  is independently  $C_{1-10}$  alkyl,  $C_{2-10}$  alkenyl,  $C_{2-10}$  alkynyl, cycloalkyl, or  $R^a$ .

- The compound of claim 1 wherein each  $R^1$  is independently  $C_{1-10}$  alkyl or halo.
- 4. The compound of claim 1 wherein each R<sup>1</sup> is independently methyl, ethyl, propyl, chloro, bromo, fluoro, or isopropyl.
- 5. The compound of claim 1 wherein each R<sup>1</sup> is independently methyl, or chloro.
- 6. The compound of claim 1 wherein each  $R^2$  is independently a covalent bond or  $C_{1-10}$  alkylene.
- 7. The compound of claim 1 wherein each R<sup>2</sup> is independently a covalent bond, methylene, 1,2-ethylene, 1,3-propylene, (2R)-2-(methyl)ethane-1,2-diyl, (2S)-2-(methyl)ethane-1,2-diyl, 1-(methyl)butane-1,4-diyl, 1-(methyl)ethane-1,2-diyl, or 2,2-(dimethyl)propane-1,3-diyl.
- 8. The compound of claim 1 wherein each R<sup>2</sup> is independently a covalent bond, methylene, or ethylene.
- 9. The compound of claim 1 wherein Q is -O-,  $-\S(O)_m$ -, or  $-(CR^5R^6)_p$ -.
- 10. The compound of claim 1 wherein Q is -O-,  $-S(O)_{m}$ -, or  $-N(R^k)$ -.
- 11. The compound of claim 1 wherein Q is  $-(CR^5R^6)_p$ , or  $-Q(CR^5R^6)_rO$ .
- 12. The compound of claim 1 wherein Q is -O-,  $-S(O)_m$ -,  $-(CR^5R^5)_p$ -, or  $-N(R^k)$ -;
- 13. The compound of claim 1 wherein Q is methylene, 1,2-ethylene, 3,4-

wherein R<sup>5</sup> and R<sup>6</sup> together with the carbon to which they are attached form a cyclonexylene ring.

- 14. The compound of claim 1 wherein each X is oxy.
- 15. The compound of claim 1 wherein each X is -NH-.
- 16. The compound of claim 1 wherein each Y is independently NR<sup>n</sup>R<sup>p</sup>.
- 17. The compound of claim 1 wherein each Y is independently a heterocyclyl containing at least one nitrogen atom, wherein each nitrogen of the heterocyclyl is substituted with R<sup>3</sup> or linked to R<sup>2</sup>, and wherein each heterocycle of Y is optionally substituted with 1, 2, 3, or 4 substituents independently selected from R<sup>4</sup>.
- 18. The compound of claim 1 wherein each Y is independently a heterocyclyl containing at least one nitrogen atom, wherein each nitrogen of the heterocyclyl is substituted with R<sup>3</sup>.
- 19. The compound of claim 1 wherein each Y is independently a heterocyclyl containing at least one nitrogen atom, wherein each nitrogen of the heterocyclyl is linked to R<sup>2</sup>, and wherein each heterocycle of Y is optionally substituted with 1, 2, 3, or 4 substituents independently selected from R<sup>4</sup>.
- 20. The compound of claim 1 wherein each Y is independently a heterocyclyl selected from pyrrolidinyl, piperidinyl, and morpholinyl, wherein each heterocycle of Y is optionally substituted with 1, 2, 3, or 4 substituents independently selected from R<sup>4</sup>.
- 21. The compound of claim 1 wherein each Y is independently a heterocycly

Selected from pyrrolidino, piperidino, and morpholino, wherein each heterocycle of Y is optionally substituted with 1, 2, 3, or 4 substituents independently selected from R<sup>4</sup>.

- 22. The compound of claim 1 wherein Y is independently amino, diethylamino, dimethylamino, 1-methyl-4-piperidinyl, 1-methyl-3-piperidinyl, 1-methyl-2-piperidinyl, 4-piperidinyl, 3-piperidinyl, 2-piperidinyl, 1-isopropyl-3-pyrrolidinyl, morpholino, (2R,4R)-2-methoxycarbonyl-4-pyrrolidinyl, 1-methyl-3-pyrrolidinyl, 1-methyl-2-pyrrolidinyl, 3-pyrrolidinyl, 2-pyrrolidinyl, 1-pyrrolidinyl, (2S,4R)-2-methyl-4-pyrrolidinyl, (2R,4R)-2-carboxy-4-pyrrolidinyl, (2S,4S)-2-(N,N-dimethylamino)carbonyl-4-pyrrolidinyl, (2R,4R)-2-hydroxymethyl-4-pyrrolidinyl, or (2R,4R)-2-methoxymethyl-4-pyrrolidinyl.
- 23. The compound of claim 1 wherein each w is 0.
- 24. The compound of claim 1 wherein each w is 1.
- 25. The compound of claim 1 wherein each w is 2.
- 26. The compound of claim 1 wherein each y is independently 1 or 2.
- 27. The compound of claim 1 wherein each z is independently 0, 1, or 2.
- 28. The compound of claim 1 wherein  $R_2$  is a covalent bond or methylene; Q is  $SO_2$  or  $-CR^5R^6$ -; each w is independently 0, 1, or 2; and each y is 1 or 2.
- 29. The compound of claim 1 which is a compound of formula N:

$$(R^4)_z$$
 $R^2$ 
 $Q$ 
 $(R^1)_w$ 
 $Q$ 
 $(R^1)_w$ 
 $Q$ 
 $(R^4)_z$ 
 $Q$ 
 $(R^4)_z$ 
 $(R^4)_z$ 
 $(R^4)_z$ 
 $(R^4)_z$ 
 $(R^4)_z$ 
 $(R^4)_z$ 
 $(R^4)_z$ 

wherein:

Q is -O-,  $-S(O)_{m}^{-}$ , or  $-CR^{5}R^{6}$ -;

each R<sup>1</sup> is independently alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, or R<sup>a</sup>;

each R<sup>2</sup> is independently a covalent bond or alkylene; wherein alkylene is optionally substituted with 1 to 4 substituents independently selected from R<sup>b</sup>;

each  $R^3$  is independently hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, oxo, or heterocyclyl; and each  $R^4$  is independently alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, or  $R^b$ ; or  $R^3$  and  $R^4$  are joined to form a  $C_{1-4}$  alkylene group, wherein the alkylene group is optionally substituted with 1 to 4 substituents independently selected from  $R^b$ ;

each R<sup>5</sup> and R<sup>6</sup> is independently hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; or R<sup>5</sup> and R<sup>6</sup> together with the carbon atom to which they are attached form a ring having from 5 to 7 ring atoms, wherein the ring optionally contains 1 or 2 heteroatoms in the ring independently selected from oxygen, sulfar and nitrogen;

wherein for R<sup>1</sup>-R<sup>6</sup>, each alkyl, alkenyl, and alkynyl is optionally substituted with R<sup>x</sup> or with 1 to 4 substituents independently selected from R<sup>b</sup>; each aryl and heteroaryl is optionally substituted with 1 to 4 substituents independently selected from R<sup>c</sup>, and each cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>b</sup> and R<sup>c</sup>;

each  $R^a$  is independently  $-OR^d$ ,  $-NO_2$ , halo,  $-S(O)_mR^d$ ,  $-SR^d$ ,  $-S(O)_2OR^d$ ,  $-S(O)_mNR^dR^e$ ,  $-NR^dR^e$ ,  $-O(CR^fR^g)_nNR^dR^e$ ,  $-C(O)R^d$ ,  $-CO_2R^d$ ,  $-CO_2(CR^fR^g)_nCONR^dR^e$ ,  $-OC(O)R^d$ , -CN,  $-C(O)NR^dR^e$ ,  $-NR^dC(O)R^e$ ,  $-OC(O)NR^dR^a$ ,  $-NR^dC(O)OR^e$ ,  $-NR^dC(O)NR^dR^e$ ,  $-CR^d(=N-OR^e)$ ,  $-CF_3$ , or  $-OCF_3$ ; each  $R^b$  is independently  $R^a$ , oxo or  $=N-OR^e$ ;

each R<sup>c</sup> is independently R<sup>a</sup>, alkyl, alkenyl, or alkynyl; wherein each alkyl, alkenyl and alkynyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>b</sup>;

each R<sup>d</sup> and R<sup>e</sup> is independently hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; wherein each alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>h</sup>; or R<sup>d</sup> and R<sup>e</sup> together with the atoms to which they are attached form a heterocyclic ring having from 5 to 7 ring atoms, wherein the heterocyclic ring optionally contains 1 or 2 additional heteroatoms independently selected from oxygen, sulfur and nitrogen;

each R<sup>f</sup> and R<sup>g</sup> is independently hydrogen, alkyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; wherein each alkyl, aryl, heteroaryl, cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>h</sup>; or R<sup>f</sup> and R<sup>g</sup> together with the carbon atom to which they are attached form a ring having from 5 to 7 ring atoms, wherein the ring optionally contains 1 or 2 heteroatoms independently selected from oxygen, sulfur and nitrogen;

each  $R^h$  is independently halo,  $C_{1.6}$  alkyl,  $C_{1.6}$  alkoxy, aryl, (aryl)- $C_{1.6}$  alkyl, heteroaryl, (heteroaryl)- $C_{1.6}$  alkyl, hydroxy, amino, -NHC<sub>1.6</sub> alkyl, -N( $C_{1.6}$  alkyl)<sub>2</sub>, -OC(O)C<sub>1.6</sub> alkyl, -C(O)C<sub>1.6</sub> alkyl, -C(O)OC<sub>1.6</sub> alkyl, -NHC(O)C<sub>1.6</sub> alkyl, -C(O)NHC<sub>1.6</sub> alkyl, carboxy, nitro, -CN, or -CF<sub>3</sub>; and

each R<sup>x</sup> is independently aryl, heteroaryl, cycloalkyl or heterocyclyl; wherein each aryl or heteroaryl is optionally substituted with 1 to 4 substituents selected from the group consisting of R<sup>c</sup>, and wherein each cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents selected from R<sup>b</sup>;

m is 0, 1, or 2;

each w is independently 0, 1, 2, 3, or 4; each y is independently 0, 1, 2, or 3; and each z is independently 0, 1, 2, or 3; and or a pharmaceutically-acceptable salt thereof.

30. The compound of claim 1 which is a compound of formula (III):

$$P^{Q}$$
 $R^{7}$ 
 $R^{2}$ 
 $R^{7}$ 
 $R^{3}$ 
(IIII)

wherein

Q is -O-,  $-S(O)_m$ -, or  $-CR^5R^6$ -;

each  $R^7$  is independently hydrogen,  $C_{1-10}$  alkyl,  $C_{2-10}$  alkenyl,  $C_{2-10}$  alkynyl, cycloalkyl, or  $R^a$ ;

each  $R^2$  is independently a covalent bond of  $C_{1-6}$  alkylene; wherein alkylene is optionally substituted with 1 to 4 substituents independently selected from  $R^b$ ;

each R<sup>3</sup> is independently hydrogen, C<sub>1-10</sub> alkyl, or oxo;

each R<sup>5</sup> and R<sup>6</sup> is independently hydrogen or C<sub>1-10</sub> alkyl; or R<sup>5</sup> and R<sup>6</sup> together with the carbon atom to which they are attached form a ring having from 5 to 7 ring atoms, wherein the ring optionally contains 1 or 2 heteroatoms in the ring independently selected from oxygen, sulfur and nitrogen;

wherein for R<sup>3</sup>, R<sup>5</sup>, R<sup>6</sup>, and R<sup>7</sup>, each alkyl, alkenyl, and alkylyl is optionally substituted with R<sup>x</sup>, or with 1 to 4 substituents independently selected from R<sup>b</sup>; and each cycloalkyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>b</sup> and R<sup>c</sup>;

each Ra is independently -ORd, -NO2, halo, -S(O)mRd, -SRd, -S(O)2OR

-  $(O)_m NR^d R^e$ ,  $-NR^d R^e$ ,  $-O(CR^f R^g)_n NR^d R^e$ ,  $-C(O)R^d$ ,  $-CO_2 R^d$ ,

 $-CQ_2(CR^fR^g)_nCONR^dR^e$ ,  $-OC(O)R^d$ , -CN,  $-C(O)NR^dR^e$ ,  $-NR^dC(O)R^e$ ,

-OC(O)NR<sup>d</sup>R<sup>e</sup>, -NR<sup>d</sup>C(O)OR<sup>e</sup>, -NR<sup>d</sup>C(O)NR<sup>d</sup>R<sup>e</sup>, -CR<sup>d</sup>(=N-OR<sup>e</sup>), -CF<sub>3</sub>, or -OCF<sub>3</sub>; each R<sup>b</sup> is independently R<sup>a</sup>, oxo or =N-OR<sup>e</sup>;

each  $R^c$  is independently  $R^a$ ,  $C_{1-10}$  alkyl,  $C_{2-10}$  alkenyl, or  $C_{2-10}$  alkynyl; wherein each alkyl, alkenyl and alkynyl is optionally substituted with 1 to 4 substituents independently selected from  $R^b$ ;

each R<sup>d</sup> and R<sup>e</sup> is independently hydrogen, C<sub>1-10</sub> alkyl, C<sub>2-10</sub> alkenyl, C<sub>2-10</sub> alkynyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; wherein each alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>h</sup>; or R<sup>d</sup> and R<sup>e</sup> together with the atoms to which they are attached form a heterocyclic ring having from 5 to 7 ring atoms, wherein the heterocyclic ring optionally contains 1 or 2 additional heteroatoms independently selected from oxygen, sulfur and nitrogen;

each R<sup>f</sup> and R<sup>g</sup> is independently hydrogen, C<sub>1-10</sub> alkyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; wherein each alkyl, aryl, heteroaryl, cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents independently selected from R<sup>h</sup>; or R<sup>f</sup> and R<sup>g</sup> together with the carbon atom to which they are attached form a ring having from 5 to 7 ring atoms, wherein the ring optionally contains 1 or 2 heteroatoms independently selected from oxygen, sulfur and nitrogen;

each  $R^h$  is independently halo,  $C_{1-6}$  alkyl,  $C_{1-6}$  alkoxy, aryl, (aryl)- $C_{1-6}$  alkyl, heteroaryl, (heteroaryl)- $C_{1-6}$  alkyl, hydroxy, amino, -NHC $_{1-6}$  alkyl, -N( $C_{1-6}$  alkyl) $_2$ , -OC(O)C $_{1-6}$  alkyl, -C(O)C $_{1-6}$  alkyl, -C(O)OC $_{1-6}$  alkyl, -NHC(O)C $_{1-6}$  alkyl, -C(O)NHC $_{1-6}$  alkyl, carboxy, nitro, -CN, or -CF $_3$ ; and

each R<sup>x</sup> is independently aryl, heteroaryl, cycloalkyl or heterocyclyl; wherein each aryl or heteroaryl is optionally substituted with 1 to 4 substituents selected from the group consisting of R<sup>c</sup>, and wherein each cycloalkyl and heterocyclyl is optionally substituted with 1 to 4 substituents selected from R<sup>b</sup>; and

each y is independently 1, 2, or 3;

or a pharmaceutically-acceptable salt thereof.

- The compound of claim 1 which is a compound of any one of formulae V-XXX, shown in Figures 1-3, wherein X, Y, Q, R<sup>1</sup>, R<sup>2</sup>, and w have the values given in claim 1.
- 32. The compound of claim 31 wherein each R<sup>1</sup> is independently methyl, or chloro; Q is methylene, 1,2-ethylene, 3,4-hexylene, dimethylmethylene, oxy, -NH-, -OCH<sub>2</sub>CH<sub>2</sub>O<sub>-</sub>, on a group -C(R<sup>5</sup>)(R<sup>6</sup>)- wherein R<sup>5</sup> and R<sup>6</sup> together with the carbon to which they are attached form a cyclohexylene ring; each X is independently oxy or -NH-; each R<sup>2</sup> is independently a covalent bond, methylene, 1,2-ethylene, 1,3propylene, (2R)-2-(methyl)ethane-1,2-diyl, (2S)-2-(methyl)ethane-1,2-diyl, 1-(methyl)butane-1,4-diyl, 1-(methyl)ethane-1,2-diyl, or 2,2-(dimethyl)propane-1,3diyl; and each Y is independently amino, diethylamino, dimethylamino, 1-methyl-4piperidinyl, 1-methyl-3-piperidinyl, 1-methyl-2-piperidinyl, 4-piperidinyl, 3piperidinyl, 2-piperidinyl, 1-isopropyl-3-pyrrolidinyl, morpholino, (2R,4R)-2methoxycarbonyl-4-pyrrolidinyl, 1-methyl-3-pyrrolidinyl, 1-methyl-2-pyrrolidinyl, 3-pyrrolidinyl, 2-pyrrolidinyl, 1-pyrrolidinyl, (2S,4R)-2-methyl-4-pyrrolidinyl, (2R,4R)-2-carboxy-4-pyrrolidinyl, (2S,4S)-2\(N,N-dimethylamino)carbonyl-4pyrrolidinyl, (2R,4R)-2-hydroxymethyl-4-pyrrolidinyl, or (2R,4R)-2methoxymethyl-4-pyrrolidinyl.
- 33. The compound of claim 1 which is a compound of formula XX:

wherein Q is methylene, 1,2-ethylene, 3,4-hexylene, dimethylmethylene, oxy, or a group  $-C(R^5)(R^6)$ - wherein  $R^5$  and  $R^6$  together with the carbon to which they are

attached form a cyclohexylene ring; and wherein X, Y, R<sup>1</sup>, and R<sup>2</sup> have the values given in claim 1; or a pharmaceutically acceptable salt thereof.

34. The compound of claim 1 which is a compound of formula XXIX:

$$Y-R^2$$
 $X-R^2$ 
 $Q$ 
 $R_1$ 
 $R_1$ 
 $(XXIX)$ 

wherein Q is methylene; and each R<sup>1</sup> is chloro; or a pharmaceutically acceptable salt thereof.

35. The compound of claim 1 which is a compound of formula XXX:

wherein Q is methylene; and each R<sup>1</sup> is chloro; or a pharmaceutically acceptable salt thereof.

- 36. The compound of claim 1, which is a compound shown in Table 1; or a pharmaceutically acceptable salt thereof.
- 37. A pharmaceutical composition comprising a compound as described in any one of claims 1, 29, 33, 34 or 35; and a pharmaceutically acceptable carrier.

add at

- 38. A method of treating a disease or condition associated with sodium channel activity in a mammal, comprising administering to the mammal, a therapeutically effective amount of a pharmaceutical composition of claim 37.
- 39. The method of claim 38 wherein the disease or condition is neuropathic pain.